CIVIL AERONAUTICS ADMINISTRATION

P-879 Revision 6 Beech 272 April 15, 1996

TYPE CERTIFICATE DATA SHEET NO. P-879

Propellers of models described herein conforming with this specification and approved data on file with the Civil Aeronautics Administration are rated as airworthy for use in certificated aircraft in accordance with pertinent aircraft specifications and applicable portions of the Civil Air Regulations provided they are installed, operated, and maintained as prescribed by the manufacturer.

Type Certificate Holder Raytheon Aircraft Company

9709 E. Central Wichita, KS 67201

Type Constant speed; hydro-mechanical (see NOTES 3 and 4)

Engine shaft SAE # 20 spline shaft

Hub material Steel

Blade material Aluminum alloy

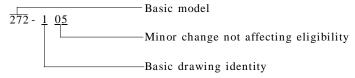
Number of blades

Hub model eligible 272-100 series (see NOTE 1)

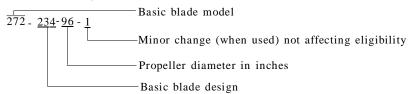
Blades Eligible	Conti	imum nuous	-	<u>ceoff</u>	Diameter	Approx. Max. Wt. Complete (for reference only)
(See Note 2)	HP	RPM	HP	RPM	Limits	(See Notes 3, 4 & 7)
272-234-101 to 272-234-88	325	2000	375	2180	101" - 88"	95 lbs.

Certification basis Production basis Type Certificate No. 879 Production Certificate No. 501

NOTE 1. Hub Model Designation



NOTE 2. <u>Blade Model Designation</u>



NOTE 3. <u>Pitch Control Eligible</u>. Eligible only with Beech control unit 272-200 and Beech governor B200-250. Additional weight of governor 3-1/2 lbs. (Weight of transmission is included in approximate weight of propeller listed above.

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NOTE 4. <u>Feathering</u>. Eligible only with Beech full feathering control.

NOTE 5. <u>Left-Hand Models</u>. Not applicable.

NOTE 6. <u>Interchangeable Blades</u>. Not applicable.

NOTE 7. <u>Accessories</u>.

- (a) Propeller Deicing
 - (1) Eligible with Beech fluid deicer slinger ring included in Item (b)(1).
 - (2) Eligible with Beech No. 279-404 (Goodrich No. 37572) propeller deicer fluid feed strips when installed in accordance with instructions issued by Beech.
- (b) Propeller Spinner

Eligible with:

- (1) Beech spinner 272-102 (additional weight 6 lbs.)
- (2) Beech spinner 268-203 (additional weight 7 lbs.)

NOTE 8. Not applicable.

NOTE 9.

Table of Propeller-Engine Combinations

Approved Vibrationwise for Use on Single-Engine Tractor Aircraft

The maximum and minimum propeller diameters that can be used from a vibration standpoint are shown, and do not necessarily represent the diameter of the propeller actually used in any particular installation.

Blade Model	Engine Model	Max. Dia. (inches)	Min. Dia. (inches)	Placards
272-234-98	Lycoming GO-435-C2	98-1/2	97-1/2	Avoid continuous operation between 2875 and 3075 rpm.
	Lycoming GO-435-C2-6	98-1/2 94-1/2	97-1/2 92	Avoid continuous operation between 2200 and 2550 rpm.

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